



May 27, 2011

To: Executive Board

Subject: **Request to Issue IFB – Network Infrastructure Upgrades**

---

**Recommendation**

Authorize the Executive Director to issue Invitation for Bids (IFB) No. 12-003 for Network Infrastructure Upgrades.

**Analysis**

The Cisco network equipment in the West Covina administrative building is approximately five years old and is starting to fail causing network outages, resulting in a loss in data and voice communication, affecting entire floors. The current equipment is also sending out packet errors causing the network data flow to slow down, effecting the Foothill, SmartBus, and phone network. Currently there is no redundancy in our network, meaning if one piece of equipment fails, an entire floor or the entire network, may fail. The proposed equipment will solve our network issues.

The proposed equipment will provide network redundancy, so the network will remain running even if a piece of equipment fails. The new equipment will take advantage of faster connections known as fibre channels, which provide no single point of failure protection and high availability. The data flow will be more efficient which will deliver data packets faster resulting in a faster network. The new equipment will be in a modular or core configuration which will allow easy future upgrades as new technologies emerge.

**Budget Impact**

Required funding is included in the proposed FY 2012 budget.

Sincerely,

Gary K. Nehls  
Director of Procurement

Doran J. Barnes  
Executive Director